PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 234	FOR FURTHER ACTION	RTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)					
International application No.			Priority Date (day/month/year)				
PCT/KR 2004/003309			16 December 2003 (16.12.2003)				
International Patent Classification (IPC) or nat	ional classification and IPC						
IPC ⁸ : C07D 211/90 (2006.01)			. :				
SK CHEMICALS CO. LTD.			·				
This international preliminary example and is transmitted to the applicant	1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.						
2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.							
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).							
These annexes consist of a total of sheets.							
3. This report contains indications rel	ating to the following items:						
l. Basis of the opin	I. Basis of the opinion						
II. Priority	II. Priority						
III. Non-establishme	nt of opinion with regard to nov	elty, inven	tive step and industrial applicability				
IV. Lack of unity of	IV. Lack of unity of invention						
	V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
VI. Certain documen	VI. Certain documents cited						
VII. Certain defects in	VII. Certain defects in the international application						
VIII. Certain observations on the international application							
Date of submission of the demand	Date	Date of completion of this report					
11 July 2005 (11.0	7.2005)	7	April 2006 (07.04.2006)				
Name and mailing address of the IPEA/A	AT Autho	Authorized officer					
Austrian Patent Office Dresdner Straße 87			SLABY S.				
A-1200 Vienna			CEAD! O.				
Facsimile No. 1/53424/200	Telep	hone No.	1/53424/348				

Form PCT/IPEA/409 (cover sheet) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

PCT/KR 2004/003309

I.		Basis of the report					
1.	Wit	With regard to the elements of the international application:*					
	\boxtimes						
		the description:					
		pages, as originally filed					
		pages, filed with the demand					
		pages, filed with the letter of					
		the claims:					
		pages, as originally filed					
		pages, as amended (together with any statement) under Article 19					
		pages, filed with the demand pages, filed with the letter of					
	_						
	Ш	the drawings:					
		pages, as originally filed					
		pages, filed with the demand pages, filed with the letter of					
	Ш	the sequence listing part of the description:					
		pages, as originally filed					
		pages, filed with the demand pages, filed with the letter of					
2.							
۷.		h regard to the language, all the elements marked above were available or furnished to this Authority in the language in ch the international application was filed, unless otherwise indicated under this item. se elements were available or furnished to this Authority in the following language which is:					
! !		the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).					
		the language of publication of the international application (under Rule 48.3(b)).					
		the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/ or 55.3).					
3.	With preli	n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international iminary examination was carried out on the basis of the sequence listing:					
		contained in the international application in printed form.					
		filed together with the international application in computer readable form.					
		furnished subsequently to this Authority in written form.					
		furnished subsequently to this Authority in computer readable form.					
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.					
4.		The amendments have resulted in the cancellation of:					
	ſ	the description, pages					
	[the claims, Nos					
	_ [the drawings, sheets/fig					
5.	,	his report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**					
••	Replace in this r 70.17).	ement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and					
		placement sheet containing such amendments must be referred to under item I and annexed to this report.					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/KR 2004/003309

Novelty (N)	Claims	4 4 4	
_		1-11	YES
_	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-11	NO
Industrial applicability (IA)	Claims	1-11	YES
	Claims		NO
Citations and explanations (Rule 70.	7)		
he present application relation relation relation relation relation relation relation relations are following documents a		amlodipine gentisate (2,5-dihydroxy benzoate).	
D1 EP 244944 A2 D2 WO 0279158 A1 D3 WO 0389414 A1			
uccinate, salicylate and ac	cetate.	cal salts of amlodipine including mesylate, bes and D3 discloses amlodipine nicotinate.	ylate. tosylate,
since none of the cited onsidered as novel.	docum	ents discloses amlodipine gentisate, the sub	ject matter is
ydroxyl substituent in the xperimentation of a persor foreover, the surprising ef ne description. Although ta omparable, since the besy he process for the preparation	e benze n skilled ffect of f ables 6 a late sal ation of on of aci	f amlodipine, which differs from the gentisate ne ring. Such a variation is considered to bell in the art. The gentisate salt is not apparent from the compand 7 show higher activity of the gentisate salt, it is a racemic mixture while the gentisate salt is amlodipine gentisate according to claims 3-8 is a daddition salts, since it is also disclosed in D2 a wledged for the subject matter of the present claims.	parative test in the result is not an (S)-isomer. a conventional and D3.
ndustrial applicability is giv	en.		